

AMENDMENTS TO THE CLAIMS

1. (currently amended) ~~A semi-automatic~~ Semi-automatic system for the manufacture of large electrical induction coils, comprising: ~~essentially characterised in that it has~~

a pressure head ~~(2 and 4)~~ mounted on a support ~~(3)~~ around which the pressure head it pivots, and

~~which has~~ a set of vertical wheels ~~(10)~~ and a horizontal wheel ~~(11)~~ which work on a the conductor to be coiled so that the turns are perfectly formed without the need to involve manual work thereon.
2. (currently amended) ~~Semi-automatic~~ The system for the manufacture of large electrical induction coils, according to the first claim 1, further comprising a ~~characterised in that the~~
~~action of the feeder (5) that~~ avoids traction tensions in the conductor to be coiled, thus avoiding the risk of stretching thereof.
3. (currently amended) ~~Semi-automatic~~ The system for the manufacture of large electrical induction coils, according to claim 1 ~~the preceding claims,~~ further comprising:

a ~~characterised in that the previously programmed command of the control unit (8);~~

~~is transmitted to the~~ hydraulic parts ~~(12);~~

wherein the control unit transmits commands to the hydraulic parts to ~~which~~ maintain a

the right pressure on the vertical (10) and horizontal (11) wheels, in such a way that a the pressing process is avoided as each of the turns of the coil are correctly positioned.

4. (currently amended) ~~Semi-automatic~~ The system for the manufacture of large electrical induction coils, according to claim 3 ~~the preceding claims, wherein~~ characterised in that by means of the commands ~~previously programmed command in the control unit 8~~ both a the shape of the coil and a the number of turns placed in each layer that forms it ~~of the layers that form it~~ is provided, with ~~a~~ the position of the horizontal wheel (11) ~~of the head (2)~~ supervising said system so that, should it deviate from an ~~the~~ expected ~~theoretical~~ value, padding may be used if necessary to provide a predetermined ~~the previously programmed~~ shape.

5. (new) The system of claim 2, further comprising:

a control unit; and

hydraulic parts;

wherein the control unit transmits commands to the hydraulic parts to maintain a pressure on vertical and horizontal wheels, in such a way that a pressing process is avoided as each of the turns of the coil are correctly positioned.

6. (new) The system of claim 4, wherein by means of the commands both a shape of the coil and

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a number of turns placed in each layer that forms it is provided, with a position of the horizontal wheel supervising said system so that, should it deviate from an expected value, padding may be used if necessary to provide a predetermined shape.